

# JAPAN

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JIS A 0001 (1963) (English): Basic Module

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*The citizens of a nation must  
honor the laws of the land.*

Fukuzawa Yukichi

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## JAPANESE INDUSTRIAL STANDARD

### Building Module

### JIS A 0001 — 1963

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## JAPANESE INDUSTRIAL STANDARD

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## Building Module

A 0001-1963

(Reaffirmed 1966)

1. General

1.1 Scope This standard specifies building modules.

1.2 Definition of Terms Definitions of principal terms used in this standard shall be as specified in JIS A 0002-Glossary of Terms Used in Building Module. For reference, necessary definitions are quoted below from JIS A 0002.

- (1) Building module is a system of dimensions to determine the sizes of components.
- (2) Components are used to constitute buildings, and are classified as follows in accordance to the degree of dimensional modification to be made at the time of assembly.

L<sub>3</sub> Material Dimensions are fixed in three directions, being intended for use without modification of size.

L<sub>2</sub> Material Intended for use with cutting, bending or other modification of size in one direction.

L<sub>1</sub> Material Intended for use with cutting, bending or other modification of size in two directions.

- (3) Reference plane is a plane to which reference is made in determining by module the size or position of components.

1.3 Application Building module is to be applied to the distance between reference planes of components. Dimensions of other portions and dimensions of other building materials shall in general be correlated to building module.

2. Basic Numbers and Their Organization in Building Module

Basic numbers and their organization in building module are as given in Table 1.

Table 1

875	175	35	7	14	28	56	112	(224)	(448)
125	25	5	— 1 —	2	4	8	16	32	64
375	75	15	3	6	12	24	48	96	192
(1125)	225	45	9	18	36	72	144	288	576
(3375)	675	135	27	54	108	216	432	864	(1728)

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Remarks 1. Numerals in bold type indicate multiple relationships.

2. Numbers in parentheses are shown for reference, and are not included in basic numbers.

### 3. Building Module

3.1 Building module as determined from Table 1 is shown in Table 2.

3.2 JIS Z 8601-Preferred Numbers may be used jointly for measurements under 25 mm.

Table 2

Unit: mm

10	100	1000	10000
		1080	
		1120	
	120	1200	
	125	1250	
	135	1350	
	140	1400	
		1440	
15	150	1500	
	160	1600	
	175	1750	
	180	1800	
		1920	
20	200	2000	
		2160	
	225	2250	
	240	2400	
25	250	2500	
	270	2700	
	280	2800	
		2880	
30	300	3000	
	320	3200	
35	350	3500	
	360	3600	
	375	3750	
40	400	4000	
		4320	
45	450	4500	
	480	4800	
50	500	5000	
	540	5400	
	560	5600	
		5760	
60	600	6000	
	640	6400	
	675	6750	
70	700	7000	
	720	7200	
75	750	7500	
80	800	8000	
		8640	
	875	8750	
90	900	9000	
	960	9600	

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- Remarks 1. 1 mm, 10 mm, 100 mm, 1000 mm and 10000 mm are applied to the unit basic numbers given in Table 1, and multiples of 5 mm only are adopted in the range of 10 ~ 10000 mm.
2. Numerals in bold type indicate multiples of 100 mm.